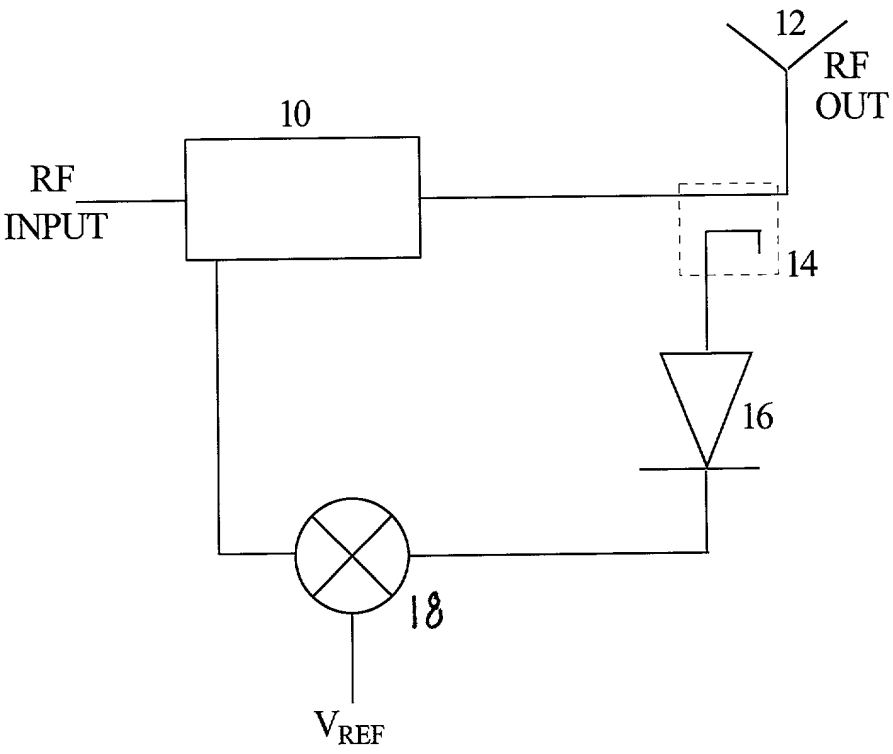

FIGURE 1

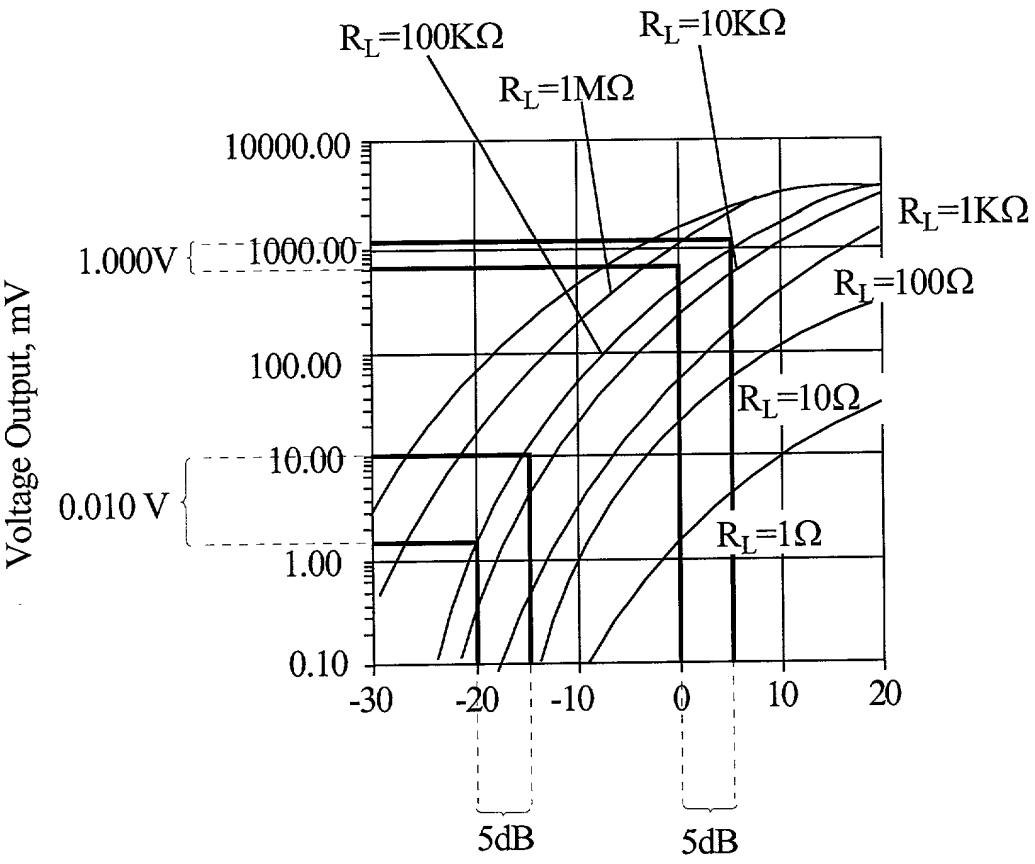
R_L=100KΩ
R_L=10KΩ
R_L=1MΩ
R_L=1KΩ
R_L=100Ω
R_L=10Ω
R_L=1Ω
10000.00
1.000V
1000.00
100.00
10.00
0.010 V
1.00
0.10
Voltage Output, mV
-30
-20
-10
0
10
20
5dB
5dB
Power Input, dBm

FIGURE 2

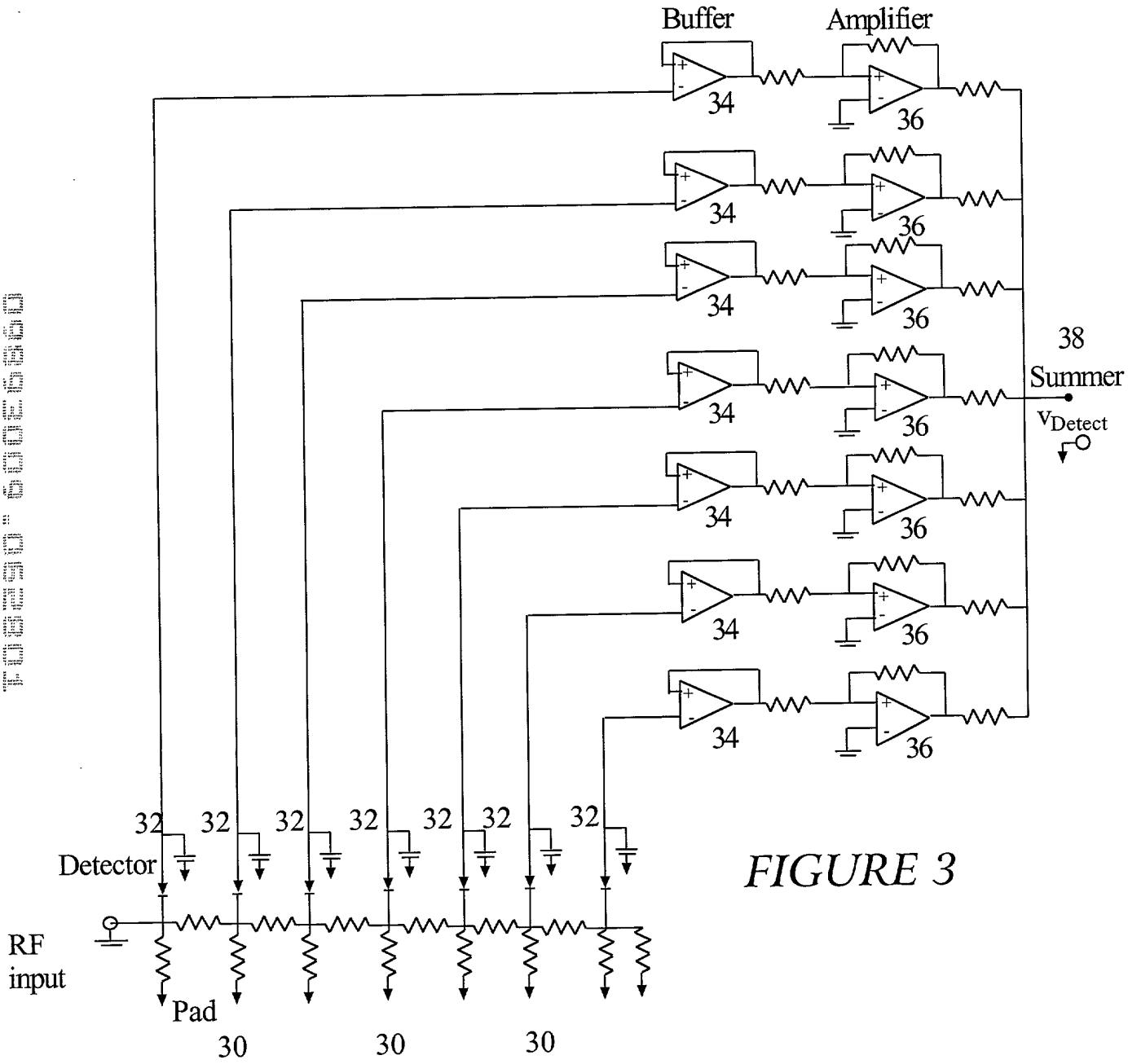
Buffer
Amplifier
34
36
38
Summer
V_{Detect}
32
Detector
RF
input
Pad
30

FIGURE 3